

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|-------|---|---|------------------|---------|------------------|
| L1 | 2 | differential.clm. and cryptanalysis.clm. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2006/10/24 19:00 |
| S1 | 612 | 380/28.ccls. | USPAT | OR | ON | 2004/01/22 13:33 |
| S2 | 258 | cryptanalysis | USPAT | OR | ON | 2004/01/22 14:15 |
| S3 | 1 | cryptanalysis and high with order with differential | USPAT | OR | ON | 2004/01/22 13:34 |
| S4 | 87 | cryptanalysis and differential | USPAT | OR | ON | 2004/01/22 13:34 |
| S5 | 19 | cryptanalysis and differential and interpolation | USPAT | OR | ON | 2004/01/22 13:35 |
| S6 | 0 | cryptanalysis and prov\$3 with resistance | USPAT; EPO; JPO | OR | ON | 2004/01/22 13:37 |
| S7 | 54 | cryptanalysis and resistance | USPAT; EPO; JPO | OR | ON | 2004/01/22 13:37 |
| S8 | 21 | cryptanalysis same resistance | USPAT; EPO; JPO | OR | ON | 2004/01/22 13:42 |
| S9 | 558 | lee-c\$.in. | JPO | OR | ON | 2004/01/22 13:42 |
| S10 | 131 | lee-chang\$.in. | JPO | OR | ON | 2004/01/22 13:46 |
| S11 | 0 | lee-chang\$.in. and (block with cipher).ti. | JPO | OR | ON | 2004/01/22 13:43 |
| S12 | 3 | ("5003597" "5623548" "5838794").PN. | USPAT | OR | OFF | 2004/01/22 13:44 |
| S13 | 0 | test\$3 with (cipher or encrypt\$3) with (resistance or strenght) | USPAT; EPO; JPO | OR | ON | 2004/01/22 13:45 |
| S14 | 3 | prov\$7 with (cipher or encrypt\$3) with (resistance or strenght) | USPAT; EPO; JPO | OR | ON | 2004/01/22 13:45 |
| S15 | 0 | "6314186".URPN. | USPAT | OR | OFF | 2004/01/22 13:46 |
| S16 | 12 | lee-chang\$.in. and korea | JPO | OR | ON | 2004/01/22 13:47 |
| S17 | 20 | lee-chang\$.in. and "1997".ay. | JPO | OR | ON | 2004/01/22 13:48 |
| S18 | 0 | lee-chang\$.in. and "1997".ay. | DERWENT | OR | ON | 2004/01/22 13:49 |
| S19 | 0 | lee-chang\$.in. | DERWENT | OR | ON | 2004/01/22 13:49 |
| S20 | 10051 | lee-c\$.in. | DERWENT | OR | ON | 2004/01/22 13:49 |
| S21 | 2 | lee-c\$.in. and block with cipher | DERWENT | OR | ON | 2004/01/22 13:50 |
| S22 | 2 | samsung.as. and block with cipher | DERWENT | OR | ON | 2004/01/22 13:50 |
| S23 | 276 | cryptanalysis and ad<"19980602" | USPAT; EPO; JPO | OR | ON | 2004/01/22 14:50 |
| S24 | 187 | cryptanalysis and @ad<"19980602" | USPAT; EPO; JPO | OR | ON | 2004/01/22 14:16 |

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| S25 | 79 | cryptanalysis with differential | USPAT; EPO; JPO | OR | ON | 2004/01/22 15:02 |
| S26 | 1 | provable with resistance with cryptanalysis | USPAT; EPO; JPO | OR | ON | 2004/01/22 15:02 |
| S27 | 2 | provable with resistance | USPAT; EPO; JPO | OR | ON | 2004/01/22 15:02 |
| S28 | 5984 | SNAKE | USPAT; EPO; JPO | OR | ON | 2004/01/22 15:02 |
| S29 | 1 | SNAKE and cryptanalysis | USPAT; EPO; JPO | OR | ON | 2004/01/22 15:03 |
| S30 | 94 | SNAKE and crypt\$8 | USPAT; EPO; JPO | OR | ON | 2004/01/22 15:03 |
| S31 | 92 | 380/28.ccls. and cryptanalysis | USPAT; EPO; JPO | OR | ON | 2004/01/22 15:05 |
| S32 | 31 | partition\$3 and cryptanalysis | USPAT; EPO; JPO | OR | ON | 2004/01/22 15:09 |
| S33 | 0 | "1001569".URPN. | USPAT | OR | OFF | 2004/01/22 15:08 |
| S34 | 21 | cryptanalysis and galois with field | USPAT; EPO; JPO | OR | ON | 2004/01/22 15:09 |
| S35 | 8 | "5825886".URPN. | USPAT | OR | OFF | 2004/01/22 15:15 |
| S36 | 3 | ("5003597" "5623548" "5838794").PN. | USPAT | OR | OFF | 2004/01/22 15:17 |
| S37 | 6 | ("5003597" "5317639" "5351299" "5511123" "5778074" "5796837").PN. | USPAT | OR | OFF | 2004/01/22 15:17 |
| S38 | 6 | ("4319079" "4776011" "5231662" "5317638" "5442705" "5511123").PN. | USPAT | OR | OFF | 2004/01/22 15:19 |
| S39 | 7 | "5745577".URPN. | USPAT | OR | OFF | 2004/01/22 15:20 |
| S40 | 1 | "5511123".pn. | USPAT | OR | OFF | 2004/01/22 17:25 |
| S41 | 1409 | (attack\$3 or test\$3 or break\$3 or crack\$3) with (cipher or encrypt\$4) | USPAT | OR | ON | 2004/01/22 17:26 |
| S42 | 146 | (attack\$3 or test\$3 or break\$3 or crack\$3) with (cipher or encrypt\$4) and cryptanalysis | USPAT | OR | ON | 2004/01/22 17:26 |
| S43 | 48 | (attack\$3 or test\$3 or break\$3 or crack\$3) with (cipher or encrypt\$4) and cryptanalysis and differential and linear | USPAT | OR | ON | 2004/01/22 17:26 |
| S44 | 15 | (attack\$3 or test\$3 or break\$3 or crack\$3) with (cipher or encrypt\$4) and cryptanalysis and differential and linear and @ad<"19980602" | USPAT | OR | ON | 2004/01/22 17:30 |

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| S45 | 19690 | (attack\$3 or test\$3 or break\$3 or crack\$3) with (differential or linear) and @ad<"19980602" | USPAT | OR | ON | 2004/01/22 17:31 |
| S46 | 66 | (attack\$3 or test\$3 or break\$3 or crack\$3) with (differential or linear) and @ad<"19980602" and "380"/\$. ccls. | USPAT | OR | ON | 2004/01/22 17:42 |
| S47 | 1 | "6108419".URPN. | USPAT | OR | OFF | 2004/01/22 17:33 |
| S48 | 0 | Tsunoo.in. | JPO | OR | ON | 2004/01/22 17:42 |
| S49 | 0 | tsunoo.in. | JPO | OR | ON | 2004/01/22 17:42 |
| S50 | 1357 | yukiyasu.in. | JPO | OR | ON | 2004/01/22 17:42 |
| S51 | 41 | yukiyasu.in. and NEC.as. | JPO | OR | ON | 2004/01/22 17:43 |
| S52 | 12 | ("5307807" "5430833" "5465258" "5544255" "5647017" "5715164" "5806059" "5838795" "5893069" "5903730" "6088676" "6108419").PN. | USPAT | OR | OFF | 2004/01/22 17:50 |
| S53 | 0 | "6504929".pn. and differential | USPAT | OR | OFF | 2004/01/22 17:51 |
| S54 | 1 | "6504929".pn. and linear | USPAT | OR | OFF | 2004/01/22 17:51 |
| S55 | 0 | "6504929".pn. and cryptanalysis | USPAT | OR | OFF | 2004/01/22 17:51 |
| S56 | 7 | cryptanalysis with ("s-box" or "s-boxes" or (substitution with box)) | USPAT | OR | ON | 2004/07/21 17:47 |
| S57 | 2 | "5796837".URPN. | USPAT | OR | OFF | 2004/07/21 16:21 |
| S58 | 24 | "5511123".URPN. | USPAT | OR | OFF | 2004/07/21 16:22 |
| S59 | 6 | "5623548".URPN. | USPAT | OR | OFF | 2004/07/21 16:25 |
| S60 | 22 | (test\$3 or prov\$3) with ("s-box" or "s-boxes" or (substitution with box)) | USPAT | OR | ON | 2004/07/21 18:00 |
| S61 | 2 | immunity with ("s-box" or "s-boxes" or (substitution with box)) | USPAT | OR | ON | 2004/07/21 17:47 |
| S62 | 20 | resistance with ("s-box" or "s-boxes" or (substitution with box)) | USPAT | OR | ON | 2004/07/21 16:39 |
| S63 | 24 | resistan\$4 with ("s-box" or "s-boxes" or (substitution with box)) | USPAT | OR | ON | 2004/07/21 16:40 |
| S64 | 7 | cryptanalys\$s with ("s-box" or "s-boxes" or (substitution with box)) | USPAT | OR | ON | 2004/07/21 18:03 |
| S65 | 0 | "differential-linear cryptanalysis" | USPAT | OR | ON | 2004/07/21 16:46 |
| S66 | 3 | immunity with cryptanalysis and ("s-box" or "s-boxes" or (substitution with box)) | USPAT | OR | ON | 2004/07/21 17:47 |

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|-----|------|---|---|----|-----|------------------|
| S67 | 11 | cryptanalysis same ("s-box" or "s-boxes" or (substitution with box)) | USPAT | OR | ON | 2004/07/21 17:47 |
| S68 | 4 | cryptanalysis same ("s-box" or "s-boxes" or (substitution with box)) not (cryptanalysis with ("s-box" or "s-boxes" or (substitution with box))) | USPAT | OR | ON | 2004/07/21 17:47 |
| S69 | 7 | optimiz\$3 with ("s-box" or "s-boxes" "s function" or (substitution with box)) | USPAT | OR | ON | 2004/07/21 18:01 |
| S70 | 13 | cryptanaly\$3 with ("s-box" or "s-boxes" or (substitution with box)) | USPAT | OR | ON | 2004/07/21 18:03 |
| S71 | 13 | cryptanaly\$4 with ("s-box" or "s-boxes" or (substitution with box)) | USPAT | OR | ON | 2004/07/21 18:03 |
| S72 | 0 | (measur\$3 test\$3 analy\$5) with differential\$linear | US-PGPUB; USPAT | OR | OFF | 2005/04/29 17:59 |
| S73 | 0 | (measur\$3 test\$3 analy\$5) with differential\$linear | US-PGPUB; USPAT | OR | ON | 2005/04/30 09:34 |
| S74 | 0 | fferential\$linear | US-PGPUB; USPAT | OR | ON | 2005/04/29 18:04 |
| S75 | 3 | differential\$linear | US-PGPUB; USPAT | OR | ON | 2005/04/29 18:04 |
| S76 | 2 | (measur\$3 test\$3 analy\$5 evaluat\$3) with differential\$linear | US-PGPUB; USPAT | OR | ON | 2005/04/30 09:39 |
| S77 | 1775 | (measur\$3 test\$3 analy\$5 evaluat\$3) with differential with linear | US-PGPUB; USPAT | OR | ON | 2005/04/30 09:40 |
| S78 | 71 | (measur\$3 test\$3 analy\$5 evaluat\$3) with differential with linear with resistance | US-PGPUB; USPAT | OR | ON | 2005/04/30 09:42 |
| S79 | 53 | (measur\$3 test\$3 analy\$5 evaluat\$3) with differential with linear with resistance and (@ad<"19980602" @prad<"19980602" @rlad<"19980602") | US-PGPUB; USPAT | OR | ON | 2005/04/30 09:43 |
| S80 | 1 | (generat\$3 form\$5 creat\$3) with (s\$box (substitution with table)) with (algebra\$2 math\$7) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/10/28 16:51 |
| S81 | 8 | \ (s\$box (substitution with table)) with (algebra\$2 math\$7) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/10/28 16:51 |

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| S82 | 8 | (s\$box (substitution with table)) with (algebra\$2 math\$7) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/10/28 17:07 |
| S83 | 8 | (s\$box (substitution with (box table))) with (algebra\$2 math\$7) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/10/28 17:22 |
| S84 | 8 | (s\$box (substitution with table)) with (algebra\$2 math\$7) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/10/28 17:22 |
| S85 | 0 | (s\$box (substitution with (box table))) with (algebra\$2 math\$7) not S84 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/10/28 17:54 |
| S86 | 0 | "5796837".pn. and algebra\$2 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/10/28 17:54 |
| S87 | 9 | s\$box same algebra\$2 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/10/28 18:07 |
| S88 | 0 | generat\$3 with S\$box with math\$7 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/10/28 18:07 |
| S89 | 5 | ("5796837").URPN. | USPAT | OR | OFF | 2006/10/18 10:14 |
| S90 | 80 | seal.xa. and random | US-PGPUB; USPAT | OR | ON | 2006/10/18 12:16 |
| S91 | 33 | seal.xa. and random.clm. | US-PGPUB; USPAT | OR | ON | 2006/10/18 12:16 |
| S92 | 9 | seal.xa. and pseudo\$random.clm. | US-PGPUB; USPAT | OR | ON | 2006/10/18 12:17 |
| S93 | 101 | seal.xa. | US-PGPUB; USPAT | OR | ON | 2006/10/18 12:17 |
| S94 | 48 | laforgia.xa. "la forgia".xa. | US-PGPUB; USPAT | OR | ON | 2006/10/18 12:17 |